

# In Metropolis GZM. Business

ECONOMIC BULLETIN OF METROPOLIS GZM

NO. 2/2022

## Another purchasing group set up by the Metropolis

The Metropolis has launched a tender for the purchase, rental and leasing of 71 electric cars and 59 chargers for its member municipalities and their budgetary units. The group procurement of cars is expected to result in savings, as in the case of electricity and gas purchasing groups. The electric car purchasing group includes 28 contracting parties.

The cars will be distributed, among others, to town halls, municipal guards, green maintenance facilities, waterworks, sports and recreation centres, cultural institutions or social welfare services. The gradual replacement of company cars with electric vehicles is an obligation that stems from the provisions of the Electromobility and Alternative Fuels Act.

This is yet another purchasing group set up by the Górnośląsko-Zagłębiowska Metropolis. The first group concerned the joint purchase of electricity for 2019. The group power purchase continued in 2020–2021, expanding the group to include new members and increasing the order volume. The success of these ventures has also led to the establishment of a gas purchasing group for 2020–2021.



Source: own elaboration based on "Metropolis will order 71 electric cars so that local authorities can meet statutory obligations".

## Almost PLN 700 million for investment projects in the Metropolis

Metropolitan cities have secured almost PLN 700 million in the second edition of the Government's Polish Order Fund: Strategic Investment Programme.

The largest amount, almost PLN 180 million, will be allocated to the modernisation and construction of new roads. More than PLN 130 million will be spent on the expansion and modernisation of educational infrastructure, and almost PLN 174 million on investment in culture, sport and recreation.

Górnośląsko-Zagłębiowska Metropolis will receive PLN 5 million in funding for the purchase of 132 solar ticket vending machines. The money comes from the second edition of the Strategic Investment Programme. Importantly, the vending machines will be 100 per cent solar-powered, so they will not need an electrical connection. This means lower maintenance costs, the ability to install virtually anywhere, and easy relocation if necessary. The devices will have touch screens and the ability to pay with both cash, contactless and by blik.



**180** mln PLN

MODERNISATION AND CONSTRUCTION OF ROADS



**130** mln PLN

EXPANSION AND MODERNISATION OF EDUCATIONAL INFRASTRUCTURE



**174** mln PLN

INVESTMENT IN CULTURE, SPORT AND RECREATION



Source: Own elaboration based on "Results of the 2nd call", and Metropolis GZM.

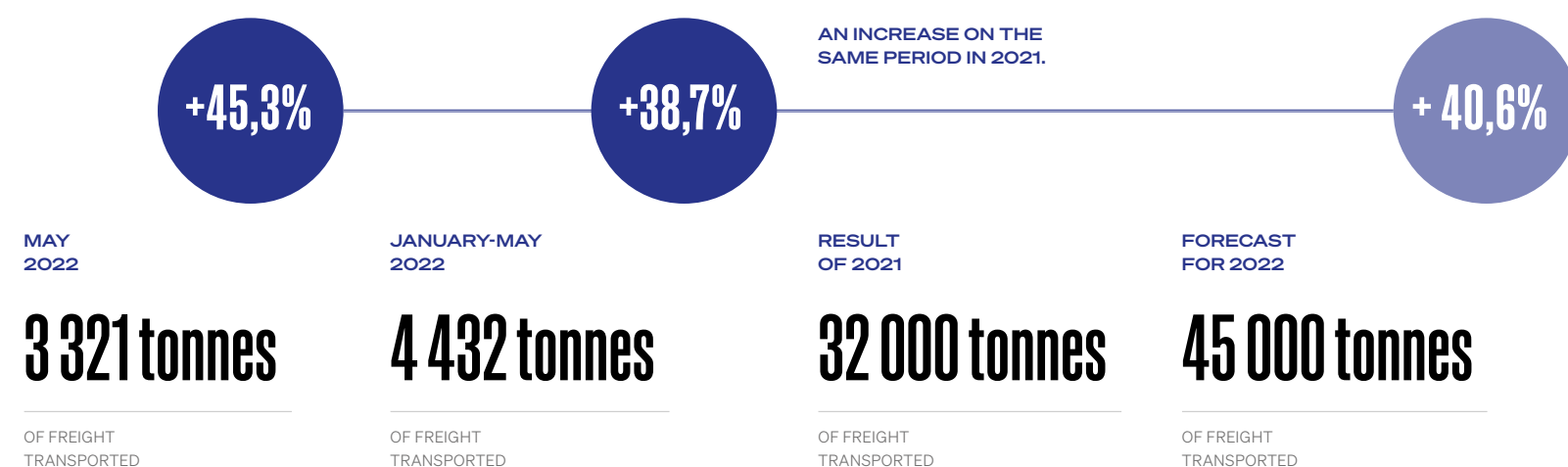
Partner

## Very good cargo forecasts for Katowice Airport

Cargo is one of the pillars of operations at Katowice International Airport in Pyrzowice named after Wojciech Korfanty. In May 2022 alone, 3,321 tonnes of freight were handled at the cargo terminal, 1,035 tonnes more (+45.3%) than in the same month of 2021.

From January to the end of May 2022, 15,873 tonnes of freight were transported to and from Katowice Airport – a result 4,432 tonnes better (+38.7%) than that achieved in the same period last year.

The airport authorities forecast that around 45,000 tonnes of freight will pass through the cargo terminal in 2022, thus significantly improving on last year's record figure of 32,000 tonnes of freight handled.



Source: own elaboration based on Katowice-Airport data, accessed 17.06.2022.

## Start-up from Katowice best in Europe in the field of mobility

Katowice-based start-up StorkJet has won the award for best mobility start-up in Europe. The company is involved in reading data from black boxes and optimising fuel consumption, thereby reducing the carbon footprint generated by aircraft.

The prize was awarded in the European Startup Prize for mobility poll.

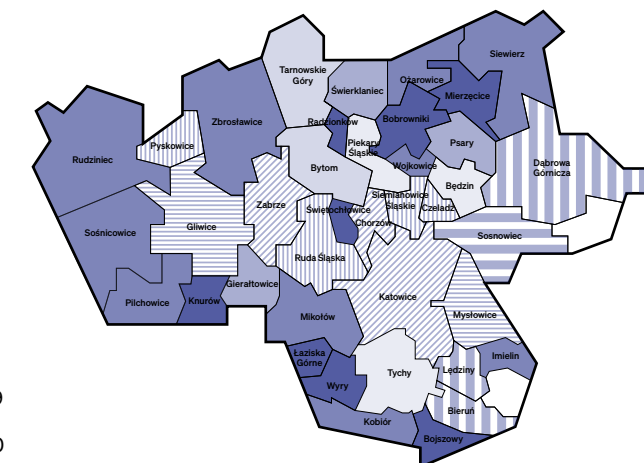
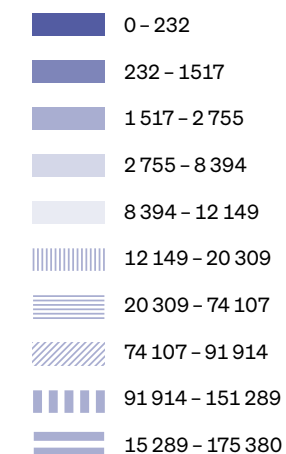
The start-up has a clear goal - to help airlines reduce fuel consumption, which reduces costs, but from an environmental perspective it is also important in terms of reducing emissions and the carbon footprint. Thanks to its idea and the use of a special algorithm, the start-up has already optimised 4.1 million flights, thus influencing the reduction of CO<sub>2</sub> emissions by around 106 tonnes each year.

Source: own elaboration based on "Start-up from Katowice the best mobility start-up in Europe".

## More than 1 million m<sup>2</sup> of new production and warehouse space is likely to be created in the GZM

In 2021, building permits were issued for new industrial and warehouse buildings in the municipalities of the Górnośląsko-Zagłębiowska Metropolis, with a total floor area of more than 1 mln m<sup>2</sup>. Most:

- in Sosnowiec – 175 380 m<sup>2</sup>
- in Dąbrowa Górnicza – 151 289 m<sup>2</sup>
- in Łędziny – 113 496 m<sup>2</sup>



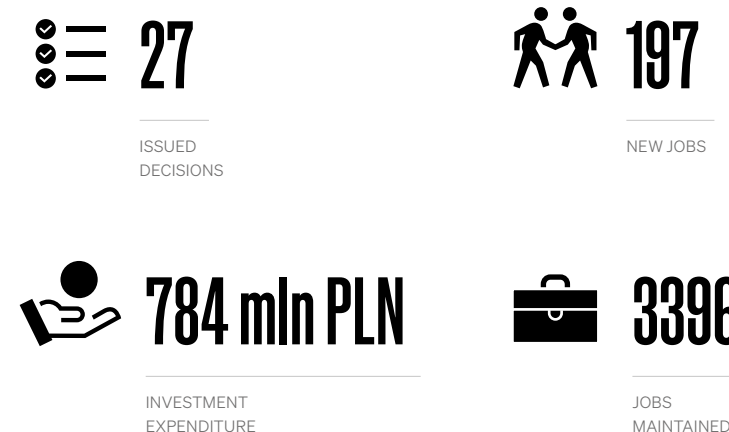
Source: own elaboration based on Statistics Poland Local Data Bank data.

Source of data: Local Data Bank Statistics Poland – [bd1.stat.gov.pl](http://bd1.stat.gov.pl)

## Economic Zone summarised the first half of 2022

The Katowice Special Economic Zone (KSSE S.A.) summarised the first half of 2022:

- 27 support decisions were issued
- investors declared the retention of 3396 and the creation of 197 new jobs
- the value of investment outlays declared by investors amounted to PLN 784 million
- companies from the SME sector accounted for 70% of investors



Source: own elaboration based on KSSE SA data.

## Metropolis supports the development of drone technology in cities

The metropolis has set up a Drone Prototyping School to train officials in the new technologies of unmanned aerial vehicles (UAVs) and prepare them to build the third dimension of the city.



Preparations are currently underway for the construction of the city's third dimension, a space development up to 120 metres above ground level. It is intended to host new drone services that will be provided in an organised and safe manner.

The school will produce the first map of a selected area in the airspace, delineating air corridors on a test basis, taking into account what is on land. School participants worked under the guidance of specialists in the respective subject areas. Among other things, the knowledge they gain will enable them to better navigate public procurement relating to drone technology, as well as attracting new investors or launching new services.

Source: own elaboration.

# Companies from the Metropolis among the best employers in the ranking of “Forbes” magazine

Sixteen companies based in the metropolis have been included in this year’s list of Best Employers in Poland 2022. The highest ranked was ING Bank Śląski, which came 8th overall and 1st in the Banks and Financial Services category. It is worth noting that the University of Silesia in Katowice and the University of Economics in Katowice were recognised in the ranking, coming in joint 3rd place in the category of Education and Research.

OVERALL RANKING	NAME	NUMBER OF POINTS	NUMBER OF WORKERS	HEAD OFFICE	CATEGORY	RANK IN CATEGORY
8	<b>ING Bank Śląski</b>	82.21	8 053	Katowice	Banks and financial services	1
90	<b>University of Silesia in Katowice</b>	71.7	>250	Katowice	Education and research	3
95	<b>University of Economics in Katowice</b>	71.39	>250	Katowice	Education and research	3
117	<b>CTL Logistics</b>	70.61	>250	Sosnowiec	Transport and logistics	10
136	<b>STS</b>	69.96	1 293	Katowice	Catering, tourism, sports and leisure services	7
140	<b>TAURON Group</b>	69.88	26 000	Katowice	Power engineering and public utilities	3
151	<b>ArcelorMittal</b>	69.26	10 000	Dąbrowa Górnicza	Manufacturing and processing of raw materials, building materials, metal and paper	6
159	<b>BetaMed</b>	68.93	3 000	Chorzów	Healthcare and social welfare	1
174	<b>Sopra Steria</b>	68.35	1 000	Katowice	IT, internet, software, computer games and computer service	13
177	<b>Brembo</b>	68.16	1 300	Dąbrowa Górnicza	Automotive industry and other means of transport (contractors, subcontractors, sales)	12
183	<b>Farmacol</b>	67.76	4 500	Katowice	Pharmaceuticals and biotechnology	6
193	<b>Alfa Elektro</b>	67.52	500	Katowice	Wholesale trade	4
258	<b>NGK Ceramics</b>	65.31	5 000	Gliwice	Automotive industry and other means of transport (contractors, subcontractors, sales)	14
276	<b>ALDI</b>	64.62	3 500	Chorzów	Retail trade	28
290	<b>Tramwaje Śląskie</b>	63.96	1 700	Chorzów	Transport and logistics	24
291	<b>ERA</b>	63.95	3 000	Chorzów	Others services (human resources, real estate, call centres and other)	11

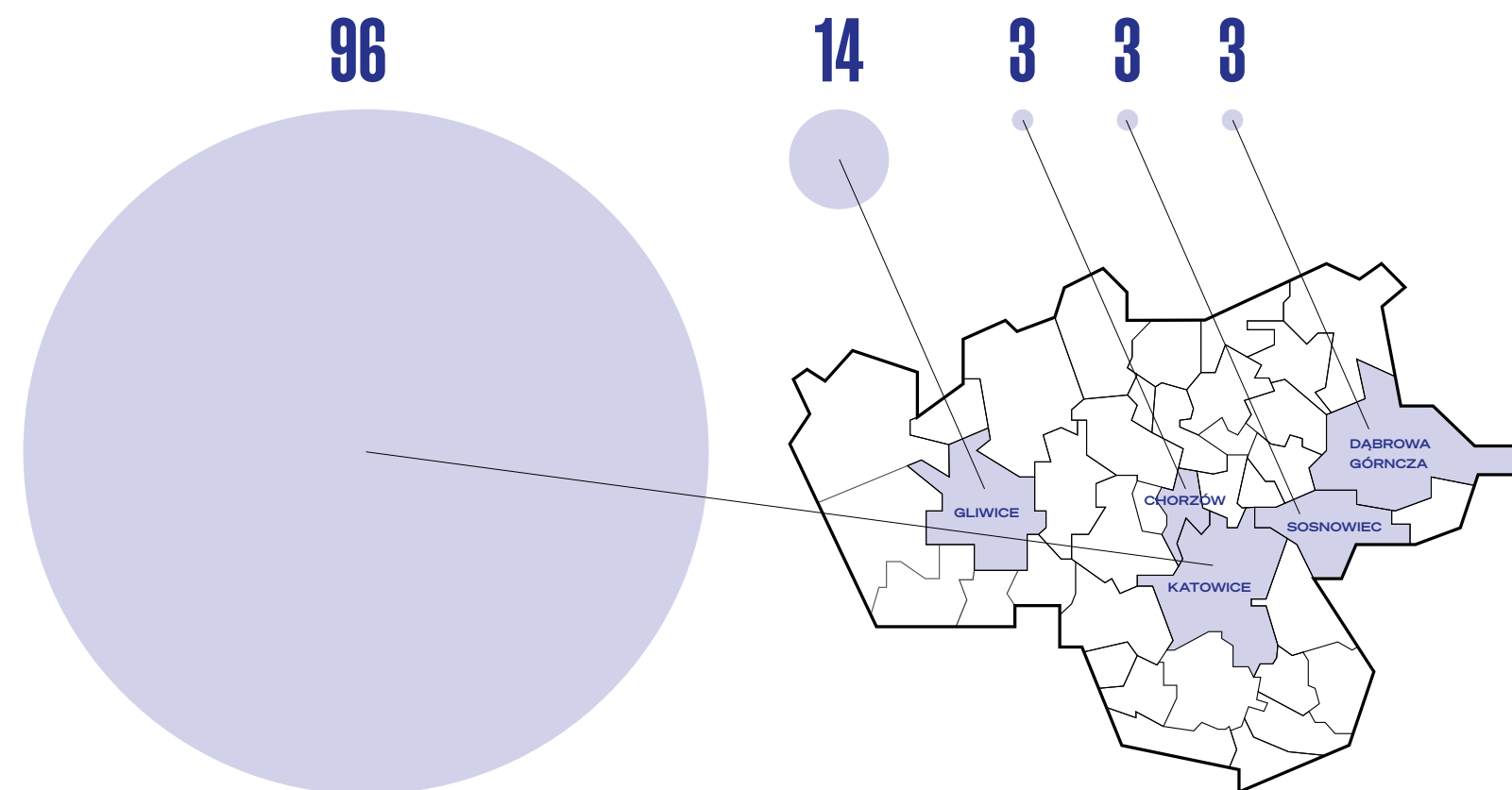
Source: own elaboration based on “Here are the companies you want to work for. Best Employers Poland 2022 ranking”.

# Modern business services sector is growing in Katowice and GZM

Katowice and GZM have attracted six investors over the past year and this is the second best result in Poland in terms of new investments in the modern business services sector. The region's 126 centres already employ nearly 30,000 people, making Katowice one of four cities in Poland where business services can be considered a strong local specialisation.

Over the past five years, employment in service centres in Katowice and the GZM has increased by 67.6 per cent, resulting in a total of 12,000 new jobs. The projected level of employment in the first quarter of 2023 will be over 32,000 people. The largest number of all 126 business service centres is located in Katowice (96), followed by Gliwice (14), and joint third place Chorzów, Dąbrowa Górnicza, Sosnowiec (3). Foreign investors come from 18 countries. The largest number of investments belongs to companies from the USA (25), Germany (13) and France (12). Polish investors currently own 35 centres. IT services remain the main category of services provided.

NUMBER OF BUSINESS SERVICE CENTRES



Source: own elaboration based on “Growth of the role of Katowice in the business services sector”.

## Silesian Planetarium – Silesian Science Park open to the public



The Silesian Planetarium underwent a major refurbishment, changed its appearance and was extended by approximately 2,500 m<sup>2</sup>. Now it is the largest in Poland and one of the most modern planetariums in Europe.

Thanks to an ultra-modern hybrid projector system, a highly visual image of the cosmos will unfold before the audience on a spherical screen. The device will be able to display approximately 100 million stars. Visitors will also be able to use a space flight simulator, feel what an earthquake feels like in the seismic shake booth and see simulated atmospheric phenomena in the weather column.

The Silesian Planetarium was founded in 1955. It is now a cultural institution of the Silesian Voivodeship Government. In 2018, modernisation and expansion began, costing more than PLN 154 m. The investment was supported by EU funds.



Source: own elaboration based on “Planetarium Śląskie open to visitors”.

## Agreements between industrial companies and trade schools

The Tauron Dystrybcja S.A. Branch in Będzin concluded an agreement with the Sosnowiec-based Technical School No. 6 of the Polish Legions Graphics, Logistics and Environment at the Centre for Vocational and Continuing Education, under the terms of which a new field of study – energy technician – was opened at this school.

At the same time, SK hi-tech Battery Materials Poland Sp. z o.o., which has its plant in Dąbrowa Górnicza, has recently started cooperation with as many as three technical schools operating in the Metropolis: The Vocational and Continuing Education Centre in Sosnowiec, as well as the Technical Academic Schools and the Technical School Complex in Dąbrowa Górnicza.

Patronage classes have been created in the facilities and they have been retrofitted with state-of-the-art teaching equipment. Class recruitment has started this year and the official start of school will be in September. Students will have a choice of one of four courses: electrical technician, mechatronics technician, electrician, mechatronics engineering.



“CKZiU will collaborate with Tauron”,



“SK hi-tech patronage classes”.

Source: own elaboration based on

## New vocational workshops in Świętochłowice

The A. Świder Technical and Vocational School Complex in Świętochłowice has been enriched with new laboratories for vocational training. They were built as part of an EU project worth around PLN 2.8 million.

Students can now use fully equipped laboratories for the assembly of machinery, equipment and electrical installations, the installation of electronic equipment, catering training, waitressing or hairdressing training. The workshops that were already in place have been refurbished, with new lighting and equipment.

A lift has been installed in the building and the school has been adapted to meet the needs of people with disabilities. More than 100 students are currently taking advantage of the studio's facilities.



Source: own elaboration based on “New vocational training labs at ZSTiZ delight students and staff”.

## Silesian University of Technology debuts in QS World University Rankings by Subject

The Silesian University of Technology, in the disciplines of mechanical, aeronautical and industrial engineering, made its debut in this year's QS World University Rankings by Subject.

The Silesian University of Technology, as the only university from the Silesian Voivodeship included in the ranking, was placed in its category among the first 400 out of more than 1,400 universities worldwide considered by the compilers. According to the study's methodology, the university's reputation in the scientific community and among employers, as well as the number of citations of scientific papers, are assessed. This year, 23 Polish universities were included in the ranking.



Source: own elaboration based on the “QS World University Rankings by Subject”.

## Medical University of Silesia in Katowice in 5th place in CWUR ranking among Polish medical universities

The Medical University of Silesia in Katowice was ranked 5th in the ranking of Polish medical universities, ahead of, among others, the Medical University of Białystok, Pomeranian Medical University or Medical University of Lublin, and ranked 15th among the 40 Polish universities included in the ranking.

In the same ranking, the University of Silesia in Katowice was ranked 16th and the Silesian University of Technology 22nd in the country.

The CWUR ranking is based on an assessment of universities in eight areas: success of graduates and teaching staff in international competitions, employment of graduates in directorships in global companies, publications in prestigious and most influential journals, numbers of international patents, citability, Hirsch index of the entire university.



Source: own elaboration based on: “Silesian Medical University in Katowice ranked by The Center for World University Rankings (CWUR)”.

# The area of Metropolitan Flower Meadows is increasing year on year



MUNICIPALITY	AREA OF METROPOLITAN FLOWER MEADOWS [SQ M]
Bieruń	2000
Bytom	7049
Dąbrowa Górnicza	1291
Gierałtów	2067
Gliwice	600
Katowice	2900
Mikołów	5387
Piekary Śląskie	9759
Siemianowice Śląskie	6219
Siewierz	2836
Sosnowiec	646
Świętochłowice	300
Tarnowskie Góry	2500
Tychy	480

This year, the Metropolis, together with NGOs and urban activists, will sow eight flower meadows in autumn, totalling more than 11,000 square metres. They will be created in Bieruń, Bytom, Gliwice, Siemianowice Śląskie, Świętochłowice and Zabrze.

The Metropolitan Flower Meadows programme has been implemented by the Metropolis since 2020. Over the course of two years, meadows totalling more than 45,000 sq m were created in 15 municipalities.

Planting flower meadows contributes to protecting the biodiversity of local plant and animal species. Flower meadows also have a high rainwater retention capacity, improve the microclimate and reduce the effects of air pollution. In this way, they neutralise the negative consequences of climate change.

Source: own elaboration based on "The area of Metropolitan Flower Meadows is increasing year by year".

# Mikolow will ensure that educational facilities are more accessible

Mikolow has secured funding of PLN 1.35 million for a project entitled "Spread your wings", which aims to increase the accessibility of two primary schools in the city – Primary School No. 3 and Primary School No. 6.

The needs of all participants in the life of the school were diagnosed in both establishments. Given that the project relies on a holistic approach to ensure that the school is actually more accessible, the standards and criteria are examined in four areas: architectural, technical, educational/social and organisational.

Thanks to the funds raised, renovations and modernisation work will be carried out in schools to improve accessibility, with a particular focus on people with disabilities. In addition, schools will test standards within the educational, social and organisational area, which will significantly contribute to improving the quality of education and the inclusion of children with special needs in the school community.

Source: own elaboration based on "Accessible School".

# Metropolitan cities focus on better school and pre-school infrastructure

A tender has been issued in Katowice for the extension of a primary school in Katowice-Podlesie. As part of the project, new classrooms will be built, and pupils will also be able to use the new sports hall and outdoor sports infrastructure. The whole area will be landscaped accordingly.

Świętochłowice has signed a contract for the redevelopment of a building of one of the city's kindergartens for the creation of children's clubs. 30 new childcare places for children aged one to three will be created before the autumn of 2022. The main aim of the project is to increase the availability of childcare services for children up to the age of three, for those caring for them. It provides for the creation of two children's clubs with 15 places each. They are scheduled to be opened this autumn.

Meanwhile, two school facilities in Tarnowskie Góry will undergo major renovations. The cost of both investments is more than PLN 25 min, of which the city will receive around PLN 21 min from the Government's Polish Order Fund: Strategic Investment Programme.

Source: own elaboration based on

- "Katowice plans to expand school in Podlesie",
- "In Świętochłowice, 30 childcare places will be created for the youngest. For the first time in over 10 years",
- "Repty and Bobrowniki - schools to be expanded".





## Economic bulletin “W Metropolii. Biznes” was developed by the Department of Social and Economic Development of the Metropolis GZM Metropolitan Office.

### **Publisher:**

Metropolis GZM Metropolitan Office  
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### **Supervision over production:**

Department of Brand and Marketing Communication  
Metropolitan Office of Metropolis GZM

### **Video material:**

Department of Social Communication  
Metropolitan Office of Metropolis GZM

### **Photo materials:**

photo by City of Katowice  
photo by Metropolis GZM

### **When quoting, please reference the source:**

“W Metropolii. Biznes” no. 2/2022, economic bulletin  
published by Metropolis GZM.

### **GZM communication channels:**

